FIG. 1

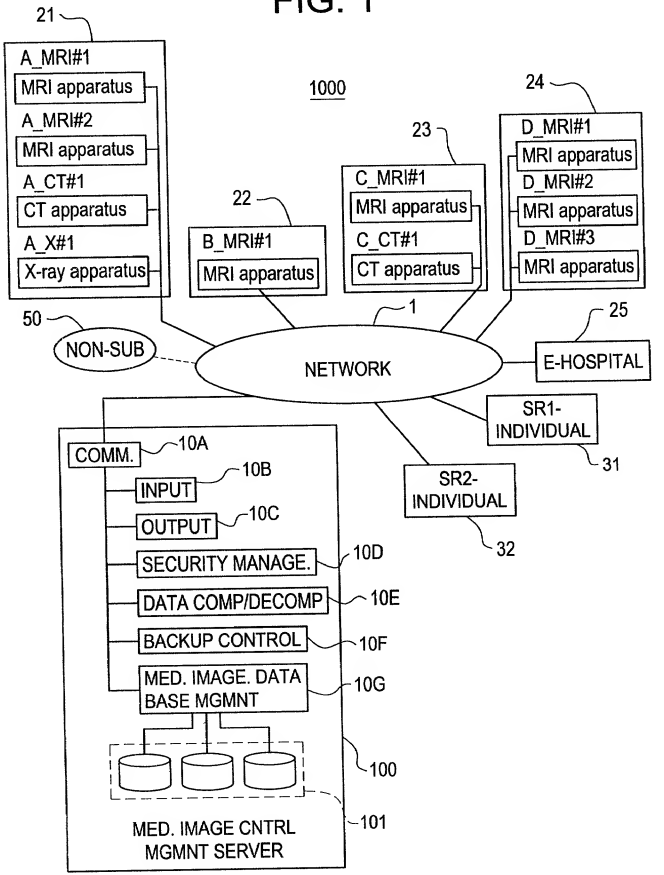
21
A_MRI#1
MRI apparatus
A_MRI#2
MRI apparatus
A_CT#1
CT apparatus
A_X#1
X-ray apparatus
1000
22
B_MRI#1
MRI apparatus
23
C_MRI#1
MRI apparatus
C_CT#1
CT apparatus
24
D_MRI#1
MRI apparatus
D_MRI#2
MRI apparatus
D_MRI#3
MRI apparatus
50
NON-SUB
1
NETWORK
25
E-HOSPITAL
SR1-INDIVIDUAL
31
SR2-INDIVIDUAL
32
COMM.
10A
INPUT
10B
OUTPUT
10C
SECURITY MANAGE.
10D
DATA COMP/DECOMP
10E
BACKUP CONTROL
10F
MED. IMAGE. DATA BASE MGMNT
10G
100
MED. IMAGE CNTRL MGMNT SERVER
101

FIG. 2

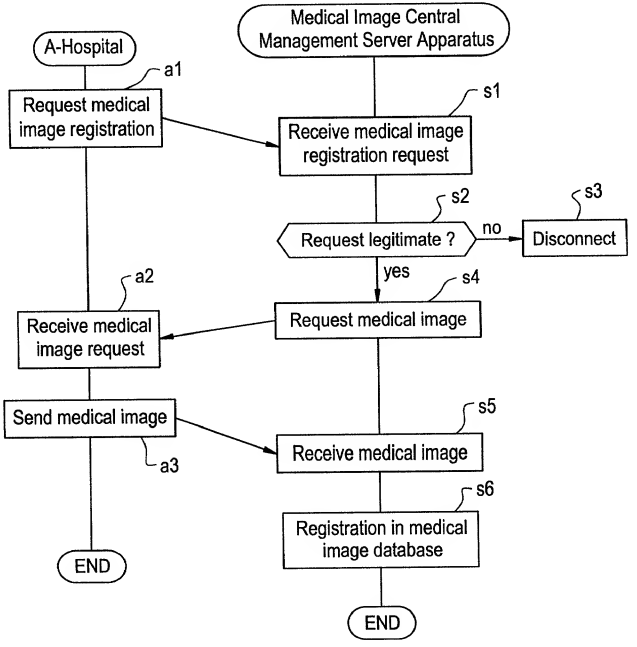
A-Hospital
Medical Image Central Management Server Apparatus
a1
Request medical image registration
s1
Receive medical image registration request
s2
Request legitimate ?
no
s3
Disconnect
yes
a2
Receive medical image request
s4
Request medical image
Send medical image
a3
s5
Receive medical image
s6
Registration in medical image database
END
END

FIG. 3

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Registrant	Patient ID	Imaging Date	Apparatus ID	Image Data
A-hospital	A 1 2 3 4 5	2000-3-23 10:35	A_MRI#2	1110010100...
A-hospital	A 1 2 3 4 5	2000-3-23 11:47	A_MRI#1	1101001000...
A-hospital	A 1 2 3 4 5	2000-3-28 13:21	A_CT#1	1111010011...
A-hospital	A 1 2 3 4 5	2000-3-28 10:38	A_X#1	0111010001...
A-hospital	A 1 2 3 4 5	2000-4-11 15:38	A_CT#1	1100100101...
B-hospital	B 2 2 7 1 6	2000-6-15 10:26	B_MRI#1	1101101001...
B-hospital	B 2 2 7 1 6	2000-6-15 10:58	B_MRI#1	0100111011...
B-hospital	B 2 3 8 5 7	2000-6-20 14:16	B_MRI#1	1101101101...
C-hospital	C 5 2 7 1 2	2000-3-30 10:53	C_MRI#1	1101001011...
C-hospital	C 5 2 7 1 2	2000-3-30 11:35	C_MRI#1	0010110110...
C-hospital	C 5 2 8 6 8	2000-4-12 15:16	C_MRI#1	1101011011...
C-hospital	C 5 2 8 8 7	2000-4-13 11:21	C_CT#1	0001110111...